

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV 11-2000)		ATTORNEY'S DOCKET NUMBER <b>RBL0085</b>
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR <b>10/048114</b>
INTERNATIONAL APPLICATION NO. <b>PCT/DE00/02454</b>	INTERNATIONAL FILING DATE <b>26 July 2000 (26/07/2000)</b>	PRIORITY DATE CLAIMED <b>27 July 1999 (27/07/1999)</b>
TITLE OF INVENTION <b>METHOD FOR AUTOMATICALLY ADAPTING TO THE CAPABILITIES OF A DATA TRANSMITTING TERMINAL A DEVICE SUPPLYING DATA TO SAID TERMINAL REQUESTING THE DATA</b>		
APPLICANT(S) FOR DO/EO/US <b>HILLEBRAND, Rainer</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c) (2)) <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li>10. <input checked="" type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> <li>11. <input checked="" type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</li> <li>12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</li> </ol>		
Items 13 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> <li>13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>15. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>16. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>17. <input type="checkbox"/> A substitute specification.</li> <li>18. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</li> <li>20. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>21. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>22. <input checked="" type="checkbox"/> Certificate of Mailing by Express Mail</li> <li>23. <input checked="" type="checkbox"/> Other items or information:</li> </ol>		
Check No. <b>102457</b>		

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR  
107048114INTERNATIONAL APPLICATION NO.  
PCT/DE00/02454ATTORNEY'S DOCKET NUMBER  
RBL0085

24. The following fees are submitted.:

## BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :

<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO .....	\$1040.00
<input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....	\$890.00
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....	\$740.00
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....	\$710.00
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....	\$100.00

## CALCULATIONS PTO USE ONLY

## ENTER APPROPRIATE BASIC FEE AMOUNT =

\$890.00

Surcharge of \$130.00 for furnishing the oath or declaration later than  20  30 months from the earliest claimed priority date (37 CFR 1.492 (e)).

\$0.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	7 - 20 =	0	x \$18.00	\$0.00
Independent claims	1 - 3 =	0	x \$84.00	\$0.00

Multiple Dependent Claims (check if applicable).

TOTAL OF ABOVE CALCULATIONS = \$890.00

<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27). The fees indicated above are reduced by 1/2.	\$0.00
---	--------

SUBTOTAL = \$890.00

<input type="checkbox"/> Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (f)).	<input type="checkbox"/> 20 <input type="checkbox"/> 30	+	\$0.00
--	---	---	--------

TOTAL NATIONAL FEE = \$890.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).	<input type="checkbox"/>	\$0.00
---	--------------------------	--------

TOTAL FEES ENCLOSED = \$890.00

Amount to be: refunded	\$
charged	\$

- A check in the amount of \$890.00 to cover the above fees is enclosed.
- Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.
- The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-0385 A duplicate copy of this sheet is enclosed.
- Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

John F. Hoffman  
BAKER & DANIELS  
111 East Wayne Street, Suite 800  
Fort Wayne, Indiana 46802

TX: (260) 424-8000  
FAX: (260) 460-1700

SIGNATURE

JOHN F. HOFFMAN

NAME

26,280

REGISTRATION NUMBER

JANUARY 25, 2002

DATE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of )  
Serial No. ) Group:  
Filed: ) Examiner:  
Title: METHOD FOR AUTOMATICALLY )  
ADAPTING TO THE CAPABILITIES OF A )  
DATA TRANSMITTING TERMINAL A )  
DEVICE SUPPLYING DATA TO SAID )  
TERMINAL REQUESTING THE DATA )

PRELIMINARY AMENDMENT DELETING  
MULTIPLE DEPENDENT CLAIMS

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

Prior to calculating the filing fee, please enter the following amendments to the application.

IN THE CLAIMS

In claim 3, line 1, delete "or 2".

In claim 4, line 1, delete "one of claims 1 to 3" and substitute therefor --claim 1--.

Please add the following new claims:

--5. Process according to claim 2, characterized in that the information data are transmitted to the data-preparing device over a device engaged between the data-requesting device and the data-preparing device.

6. Process according to claim 2, characterized in that the requested data are stored in a central data bank of the data-preparing device and, on call, are formatted by a formatting device into the predetermined data format and transmitted to the data-requesting device.

PATENT

7. Process according to claim 3, characterized in that the requested data are stored in a central data bank of the data-preparing device and, on call, are formatted by a formatting device into the predetermined data format and transmitted to the data-requesting device.--

Respectfully submitted,

John F. Hoffman  
Registration No. 26,280

Attorney for Applicant

Date: January 25, 2002

JFH/pmp

BAKER & DANIELS  
Suite 800  
111 East Wayne Street  
Fort Wayne, IN 46802  
Telephone: 219-424-8000  
Facsimile: 219-460-1700

translation

WO 01/08097

PCT/DE00.02454

METHOD FOR AUTOMATICALLY ADAPTING  
TO THE CAPABILITIES OF A DATA-TRANSMITTING  
TERMINAL A DEVICE SUPPLYING DATA TO SAID  
TERMINAL REQUESTING THE DATA

**[0001]** The invention relates to a process for the automatic adaptation of the data to be transferred to a data-requesting device, to the capabilities of this terminal.

**[0002]** In today's data communication networks there exist terminals with different displays, input apparatuses and computer performances. Displays differ above all in the color depth, resolution, and size. Input apparatuses can be, for example, keyboards or contact-sensitive surfaces. When data are transferred from a data-preparing device to a terminal, it is important, for as short as possible a transfer time of the data, that the data volume to be transferred at a given band width be as small as possible. Since, however, it is not known to the sending device what properties the end terminal possesses, the data and therewith the data volume are not adapted to the properties of the end terminal. To an end terminal with a display with a low resolution and black-and-white representation there are sent, for example, the same data as to an end terminal with a high resolution and a plurality of representable colors.

**[0003]** This leads to the result that data are transferred which cannot be processed in the end terminal by reason of the latter's capabilities. Resources of the transfer media, of the sending devices, and of the receiving end terminal are wasted.

**[0004]** The problem of the present invention lies, therefore, in supplying a process for the automatic adaptation of the data to be transferred from a data-preparing device to a data-requesting device, to the capabilities of the data-requesting device, which avoids the above-mentioned

disadvantages.

[0005] The solution of the problem is achieved by the features given in Claim 1.

[0006] According to the invention, in the data transfer a reduction of the resource-wasting becomes possible by the means that the data-preparing device receives information about the capabilities of the receiving end terminal, in order to transmit the data to the data-receiving terminal in correspondence to the prescribed capabilities.

[0007] The advantage of this process for the operator of the data-preparing device lies, *inter alia*, in the lower required computing performance of the sending device and, accordingly, the lower acquisition and maintenance costs. According to the transfer technique, the operator's transmission costs are reduced.

[0008] The advantages of this process for the user of the data-requesting device lie, *inter alia*, in the shorter data transmission time and in the lower transmission costs. Since, according to this process, the end terminal can also adapt the data to the display of the receiving device, the user can also obtain a representation of the data adapted to the display. For example, textual information data which are otherwise contained in graphics can, in the case of an end terminal with mere text representation, be sent from the sending device to the end terminal as text, and brought there into display.

[0009] In the following the invention is described in detail with the aid of an example of execution with reference to a drawing figure. From the drawing and its description, there are yielded further features and advantages of the invention.

[0010] In Fig. 1 a scenario is described in which this process is used for the automatic adaptation of the data to be transferred from a data-preparing device to a data-requesting device, to the capabilities of this end terminal.

[0011] By means of three different apparatuses 1, 2 and 3, a user requests information from a WWW-server 5. In each

end terminal there is installed a WWW-browser for this.

[0012] In the end terminal 1, in this case the data-receiving device, there is a Personal Digital Assistant (PDA). The display of the PDA has a resolution of 160 x 160 pixels, in a black-and-white representation with pure text representation possibility. The end terminal 2 is a Notebook with a display with the resolution of 640 x 480 pixels, which can represent 256 colors and graphics.

[0013] The display of the desktop computer 3 has a resolution of 1600 x 1200 pixels, which can represent about 16 million colors and graphics.

[0014] Example 1:

The user, over a user interface such as, for example, a keyboard, enters the address <http://www.info.com/> of the WWW-server 5 (data-preparing device) into the WWW-browser, to request the information data belonging to this address from the server 5. The WWW-browser establishes a connection to the WWW-server 5, and communicates to the WWW-server by which address information data are requested.

[0015] According to the invention there are further conveyed to the WWW-server 5 information data as to which capabilities the end terminal 1 possesses. To these capabilities there belong, *inter alia*, the resolution of the display and the number of representable colors. In the present case the end terminal 1 will instruct the WWW-server 5 that it should communicate the information data with a resolution of 160 x 160 pixels in black-and-white and in pure text representation. The standard resolutions and color depths can be correspondingly coded for this, for example with 2-place numbers so that, for example, only one byte suffices for the transmission of the information.

[0016] The WWW-server 5 reports/communicates the address and capabilities of the utilization (device) 6. The utilization (device) 6 requests from the information data bank 7 the information data belonging to the address <http://www.info.com/> and formats these in correspondence to the capabilities of the end terminal 1. Since the end terminal 1

can represent only text, the application (device) generates only textual information in black-and-white representation. Graphics are not generated or cannot be read from the information data bank. The application (device) 6 delivers the data to the server 5 which sends these to the WWW-browser in 1. The WWW-browser interprets the formatting and makes the information data available in the display of the end terminal 1.

**[0017] Example 2:**

The user uses, in contrast to example 1, a notebook 2. As described in example 1, the WWW-server 5 obtains the information data about the capabilities of the end terminal 2 and forwards these data to the utilization (device) 6. Since the end terminal can represent graphics with a maximum of 256 colors, the utilization (device) 6 generates or conveys from the information data bank 7, graphics with a maximal color depth of 256 colors, which insofar as possible do not exceed 640 x 480 pixels. For the coloration of text information data, there are chosen only colors from a given color pallet with 256 colors standing for selection. The utilization (device) 6 delivers the data to the server 5, which sends these to the WWW-browser in the end terminal 2. The WWW- browser interprets the formatting and represents the information data in the display of the notebook 2. In comparison to example 1, because of the color information data and of the graphics, a larger data volume must be transmitted between the WWW-server and the end terminal. However, the size and color depth (256 colors) are utilized.

**[0018] Example 3:**

In contrast to examples 1 and 2, the user uses a desktop computer 3. Since, as in examples 1 and 2, the capabilities of the end terminal 3 are known by the utilization (device) 6, the utilization (device) 6 generates or conveys from the information data bank 7 graphics with a maximal color depth of 16 million colors, which insofar as possible do not exceed 1600 x 1200 pixels. For the coloration of text information data, there are chosen colors from a color pallet with 16 million

colors standing for selection. The utilization (device) 6 delivers the data to the server 5, which sends these to the WWW-browser in the end terminal 3. The WWW-browser interprets the formatting and represents the information data in the display of the desktop computer 3. In comparison to examples 1 and 2, because of the color and graphics information data, a greater data volume must be transmitted between the WWW-server and the end terminal. The size and color depth (16 million colors) of the display, however, are utilized.

**[0019]** Obviously the invention also comprises end terminals that can process several different display formats. In this case, for example, a list of usable display formats can be communicated to the data-preparing device. The latter then, and according to availability, selects the best-suited display format.

**[0020]** Further, the invention is not restricted to a utilization in the internet, but is usable for every type of data transfer in arbitrary data networks, thus, for example, also in the data transfer between subscribers of the digital mobile radio network.

Patent Claims

1. Process for the automatic adaptation of the data to be transferred from a data-preparing device to a data-requesting device, to the capabilities of this latter device.  
Characterized in that the data-preparing device receives information about the capabilities of the data-requesting device, in which the information data contain statements in regard to the resolution and color depth workable by the display of the data-requesting device, and the data to be transferred are transmitted to the data-requesting device in correspondence to the pre-determined capabilities.
2. Process according to claim 1, characterized in that the information data from the data-requesting device are transmitted to the data-preparing device.
3. Process according to claim 1 or 2, characterized in that the information data are transmitted to the data-preparing device through a device engaged between the data-requesting device and the data-preparing device.
4. Process according to claims 1 to 3, characterized in that the data to be requested are stored in a central data bank of the data-preparing device and, on call are formatted by the formatting device into the prescribed data format and transmitted to the data-requesting device.

10/048114  
531 Rec'd PCT/PT 25 JAN 2002

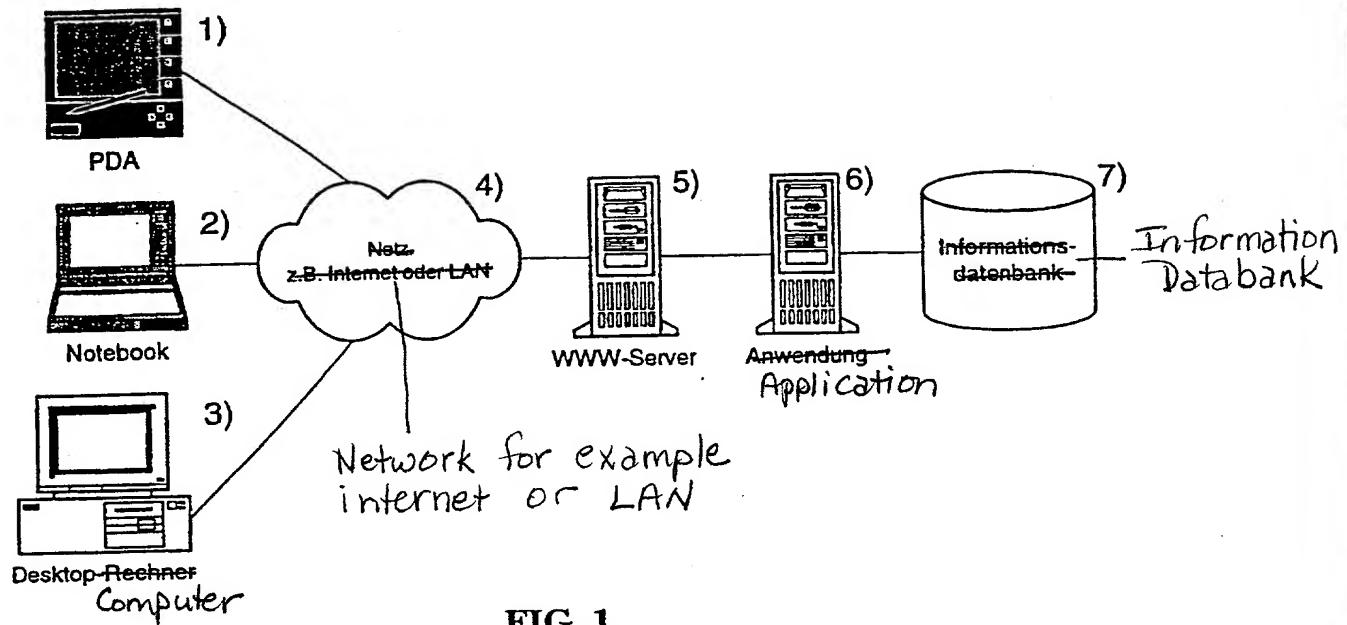
TRANSLATION

METHOD FOR AUTOMATICALLY ADAPTING  
TO THE CAPABILITIES OF A DATA-TRANSMITTING  
TERMINAL A DEVICE SUPPLYING DATA TO SAID  
TERMINAL REQUESTING THE DATA

Abstract

The invention concerns a method for automatically adapting to the capabilities of a data transmitting terminal a device supplying data to said terminal requesting the data. Said method is characterized in that the data supplying device receives information concerning the capabilities of the device requesting data to send to the latter the data to be transmitted in accordance with the specified capabilities.

203020-4777000



Declaration and Power of Attorney for Patent Application  
Erklärung für Patentanmeldungen mit Vollmacht

## German Language Declaration

Als nachstehend benannter Erfinder erkläre ich hiermit an Eides Statt:

daß mein Wohnsitz, meine Postanschrift und meine Staatsangehörigkeit den im nachstehenden nach meinem Namen aufgeführten Angaben entsprechen, daß ich nach bestem Wissen der ursprüngliche, erste und alleinige Erfinder (falls nachstehend nur ein Name angegeben ist) oder ein ursprünglicher, erster und Miterfinder (falls nachstehend mehrere Namen aufgeführt sind) des Gegenstandes bin, für den dieser Antrag gestellt wird und für den ein Patent für die Erfindung mit folgendem Titel beantragt wird:

deren Beschreibung hier beigelegt ist, es sei denn (in diesem Falle  
Zutreffendes bitte ankreuzen), diese Erfundung

wurde angemeldet am \_\_\_\_\_  
unter der US-Anmeldenummer oder unter der  
Internationalen Anmeldenummer im Rahmen des  
Vertrags über die Zusammenarbeit auf dem Gebiet des  
Patentwesens (PCT) \_\_\_\_\_ und am \_\_\_\_\_  
\_\_\_\_\_ abgeändert (falls  
zutreffend).

Ich bestätige hiermit, daß ich den Inhalt der oben angegebenen Patentanmeldung, einschließlich der Ansprüche, die eventuell durch einen oben erwähnten Zusatzantrag abgeändert wurde, durchgesehen und verstanden habe.

Ich erkenne meine Pflicht zur Offenbarung jeglicher Informationen an, die zur Prüfung der Patentfähigkeit in Einklang mit Titel 37, Code of Federal Regulations, § 1.56 von Belang sind.

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD FOR AUTOMATICALLY ADAPTING TO THE CAPABILITIES OF A DATA TRANSMITTING TERMINAL A DEVICE SUPPLYING DATA TO SAID TERMINAL REQUESTING THE DATA

the specification of which is attached hereto unless the following box is checked:

was filed on July 26, 2000  
as United States Application Number or PCT  
International Application Number PCT/DE00/02454  
and was amended on \_\_\_\_\_  
(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

## German Language Declaration

Ich beanspruche hiermit ausländische Prioritätsvorteile gemäß Title 35, US-Code, § 119 (a)-(d), bzw. § 365(b) aller unten aufgeführten Auslandsanmeldungen für Patente oder Erfinderurkunden, oder §365(a) aller PCT internationalen Anmeldungen, welche wenigstens ein Land ausser den Vereinigten Staaten von Amerika benennen, und habe nachstehend durch ankreuzen sämtliche Auslands- anmeldungen für Patente bzw. Erfinderurkunden oder PCT internationale Anmeldungen angegeben, deren Anmeldetag dem der Anmeldung, für welche Priorität beansprucht wird, vorangeht.

Prior Foreign Applications  
(Frühere ausländische Anmeldungen)

199 34 787.5	Germany
(Number) (Nummer)	(Country) (Land)

Ich beanspruche hiermit Prioritätsvorteile unter Title 35, US-Code, § 119(e) aller US-Hilfsanmeldungen wie unten aufgezählt.

Application No. (Aktenzeichen)	(Filing Date) (Anmeldetag)

Ich beanspruche hiermit die mir unter Title 35, US-Code, § 120 zustehenden Vorteile aller unten aufgeführten US-Patentanmeldungen bzw. § 365(c) aller PCT internationalen Anmeldungen, welche die Vereinigten Staaten von Amerika benennen, und erkenne, insofern der Gegenstand eines jeden früheren Anspruchs dieser Patentanmeldung nicht in einer US-Patentanmeldung, bzw. PCT internationalen Anmeldung in einer gemäß dem ersten Absatz von Title 35, US-Code, § 112 vorgeschriebenen Art und Weise offenbart wurde, meine Pflicht zur Offenbarung jeglicher Informationen an, die zur Prüfung der Patentfähigkeit in Einklang mit Title 37, Code of Federal Regulations, § 1.56 von Belang sind und die im Zeitraum zwischen dem Anmeldetag der früheren Patentanmeldung und dem nationalen oder im Rahmen des Vertrags über die Zusammenarbeit auf dem Gebiet des Patentwesens (PCT) gültigen internationalen Anmeldetags bekannt geworden sind.

DE00/02454	26 July 2000
(Application No.) (Aktenzeichen)	(Filing Date) (Anmeldetag)

Ich erkläre hiermit, daß alle in der vorliegenden Erklärung von mir gemachten Angaben nach bestem Wissen und Gewissen der Wahrheit entsprechen, und ferner daß ich diese eidesstattliche Erklärung in Kenntnis dessen ablege, daß wissentlich und vorsätzlich falsche Angaben oder dergleichen gemäß § 1001, Title 18 des US-Code strafbar sind und mit Geldstrafe und/oder Gefängnis bestraft werden können und daß derartige wissentlich und vorsätzlich falsche Angaben die Rechtswirksamkeit der vorliegenden Patentanmeldung oder eines aufgrund deren erteilten Patentes gefährden können.

I hereby claim foreign priority under Title 35, United States Code, §119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Not Claimed  
Priorität nicht beansprucht

27 July 1999
(Day/Month/Year Filed) (Tag/Monat/Jahr der Anmeldung)

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

## Published

(Status) (patented, pending, abandoned)
(Status) (patentiert, schwebend, aufgegeben)

(Status) (patented, pending, abandoned)
(Status) (patentiert, schwebend, aufgegeben)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

## German Language Declaration

VERTRETUNGSVOLMACHT: Als benannter Erfinder beauftrage ich hiermit den (die) nachstehend aufgeführten Patentanwalt (Patentanwälte) und/oder Vertreter mit der Verfolgung der vorliegenden Patentanmeldung sowie mit der Abwicklung aller damit verbundenen Angelegenheiten vor dem US-Patent-und Markenamt: (Name(n) und Registrationsnummer(n) auflisten)



POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: (list name and registration number)

John F. Hoffman, Regis. No. 26,280; Anthony Niewyk, Regis. No. 24,871; Michael D. Smith, Regis. No. 40,181; Michael S. Gzybowski, Regis. No. 32,816; Michael D. Schwartz, Regis No. 44,326; Adam F. Cox, Regis No. 46,644; Abigail M. Butler, Regis. No. 48,238; Thomas A. Adams, Regis. No. 48,230; and Kimberly J. Paulus, Regis. No. 48,358; all of BAKER & DANIELS, 111 East Wayne Street, Suite 800, Fort Wayne, Indiana 46802

Postanschrift:

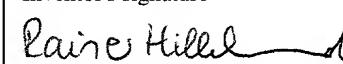
Telefonische Auskünfte: (Name und Telefonnummer)

Send Correspondence to:

John F. Hoffman, BAKER &amp; DANIELS

Direct Telephone Calls to: (name and telephone number)

John F. Hoffman  
(219) 424-8000

Vor- und Zuname des einzigen oder ersten Erfinders	Full name of sole or first inventor Rainer Hillebrand		
Unterschrift des Erfinders	Datum	Inventor's signature	Date
			2002-01-31
Wohnsitz	Residence Greven, Germany 		
Staatsangehörigkeit	Citizenship German		
Postanschrift	Post Office Address Falkenstrasse 11 D-48268 Greven GERMANY		
Vor- und Zuname des zweiten Miterfinders (falls zutreffend)	Full name of second joint inventor, if any		
Unterschrift des zweiten Erfinders	Datum	Second Inventor's signature	Date
Wohnsitz	Residence		
Staatsangehörigkeit	Citizenship		
Postanschrift	Post Office Address		

(Im Falle dritter und weiterer Miterfinder Miterfinder sind die entsprechenden Informationen und Unterschriften hinzuzufügen.)

(Supply similar information and signature for third and subsequent joint inventors.)